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>Title: **JP02042351A2: ELHCTROPHORETIC GEL CONTAINING HIGH CONCENTRATION POLYOL**

Derwent Title: Electrophoresis gel contg. polyol in high concn. - preventing exudate on surface even under unfavourable conditions [\[Derwent Record\]](#)

Country: JP Japan

Kind: A

Inventor: RADOLA BERTOLD J;
SCHNEIDER CLAUS DR;Assignee: SERVA FEINBIOCHEMICA GMBH & CO
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Published / Filed: 1990-02-13 / 1989-05-09

Application Number: JP1989000115912

IPC Code: Advanced: C08F 20/56; G01N 27/447;
Core: C08F 20/00; more...

IPC-7: B01D 57/02; C08K 5/05; C08L 5/00; C08L 33/26; G01N 27/447;

Priority Number: 1988-05-09 DE1988003815758

Abstract: PURPOSE: To improve many properties in particular of a polyacrylamide gel by containing polyol of substantially high concentration.

CONSTITUTION: Concentration of polyol is in the range of 20-80% (W/V), preferably in the range of 25-60% (W/V). It is calculated from the weight of polyol with reference to the total volume of a gel not yet polymerized. An easily water soluble or mixable polyol is preferably employed. Preferable polyol contains branched or unbranched aliphatic polyol having 2-8, preferably 2-6, carbon atoms and at least two hydroxy groups. Monosaccharide and oligosaccharide in particular a disaccharide, e.g. saccharose and a derivative thereof, having structure identical to that of pentose and hexose is preferable. Most important pentose and hexose contains xylose, glucose and fructose. Sugar alcohol, e.g. sorbitol or xylitol, is also preferable.

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Family:

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<input type="checkbox"/>	EP0341577A3	1990-09-12	1989-05-04	Electrophoresis gels with a high polyol conte

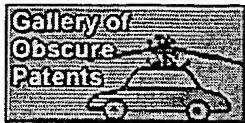
<input type="checkbox"/>	EP0341577A2	1989-11-15	1989-05-04	Electrophoresis gels with a high polyol content
<input checked="" type="checkbox"/>	DE3815758A1	1990-03-01	1988-05-09	Elektrophoresegele mit hohem Polyolgehalt

4 family members shown above

Other Abstract

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